

FLYING ENGINE IS TESTED BY STUDENTS

Take Records on Platform Over Pilot of Locomotive Going Seventy Miles an Hour.

EFFICIENCY AND ECONOMY.

Elements of Danger in Practical Work Undertaken by Graduating Class of Kentucky School.

REPUBLIC SPECIAL.

Lexington, Ky., May 7.—The last of the locomotive tests made by students of the graduating class of the State University in the School of Mechanical and Electrical Engineering were made on a platform built over the pilot of an engine on a run of 34 miles at the rate of seventy miles an hour.

The platform was used with engine No. 556 of the Cincinnati Southern Railroad. On the platform, speed recorders and instruments for showing track conditions, etc., were attached. An electric signal apparatus made communication with the cab possible.

The Cincinnati Southern train was recently thirty-five minutes late, and it was desirable to make up the lost time between Lexington and Somerset. Warning had been given the students if any cow was sighted on the track to make haste and reach the running board along the side of the engine. Should a cow be struck it was known that it would be disastrous, as it would demolish the platform and hurt the occupants to the track.

Timed by a watch, the train, at some points made a mile in fifty seconds, a rate of seventy-two miles an hour. A startled meadow lark flew by in droves. Cows and doves, eating beside the track where corn and other grain had spilled from the freight cars, remained in their positions till the train was almost on them, when they flew away. One flew across the track toward the engine, was dashed to pieces by the smoke stack. The puffing of the engine buried the cinders against the road and they rebounded in a hot shower on the platform. A place of rocks, loomed up as the road darted through the cab window, but without serious results.

All of the coal is weighed and the water estimated when each trip is begun. If any is left over at the end it is weighed to ascertain the amount consumed. It is to determine how much water is evaporated by a pound of coal, which gives the "boiler efficiency." Both ends of the cylinder are connected with a pipe, and a steam indicator registers on a card the pressure at every point of a stroke. These cards the students work out the water consumption, or number of pounds of water per hour per horse power, which gives the "economy" of the engine.

A register tells the number of revolutions made by the wheels a minute, and as these are taken every minute the speed at any given point can be ascertained by a simple calculation, the diameter of the wheels being known.

CO-EDS MUST NOT PLAY BASEBALL ON CAMPUS.

University of Pennsylvania Faculty Shocked by Performance of Fair Batemen and Base-runners.

Philadelphia, Pa., May 7.—Other grad of Pennsylvania co-eds, who want to play baseball, must not do so on the college campus.

This was the decision reached today by the university authorities, and the bursar notified the police to break up all such games.

It has been a custom for the students to hold daily baseball games on the campus, but today was the first time the girls took a hand. As there were not enough of the boys to make up the two teams, two of the co-ed students were added. Later, three more girls "signed," and all were placed in the line-up.

The news spread and in a short time there was a crowd of cheering students. Each play or miss was greeted with a cheer and a loud and pandemonium finally broke loose when one of the stalwart co-eds knocked a two-bagger into Woodland avenue.

But the attention of the faculty had been attracted and the result was the prohibition.

HARD-FOUGHT COW CASE THROWN OUT OF COURT.

Each Side Has Spent Several Times Value of Animals in Litigation, and Town Rest by Factions.

REPUBLIC SPECIAL. Middletown, N. Y., May 7.—The great Curran-Forshee cow case, which has so upset the town of Greenville, Orange County, has been brought to a finish, the fifth trial resulting in a verdict of "no cause of action."

Two years ago John Curran bought three cows of Edward Forshee. He was not pleased with his purchase and sued Forshee for \$115, later reducing the amount to \$49.

Each previous trial resulted in a disagreement of the jury. The whole town was in a turmoil, the inhabitants of the town being about evenly divided.

The entire jury list was used up, and the court was about to start over the list again, taking as jurors those who had been refused before. Each party spent about \$500, and the plaintiff would undoubtedly have carried the case further if it were possible.

SHOT BY TRAP HE SET.

Mount Tabor Man Received Lead He Prepared for Rats.

REPUBLIC SPECIAL. New York, May 7.—William C. 36 years old, who lives at Mount Tabor, is in the hospital at Morristown, N. J., with a bad gunshot wound in his left foot, which may cause amputation. C. thought to play a good joke on some of the muskrats that infest his barn and set a trap with his double-barreled shotgun.

He watched the barn all day Wednesday and all night. Anxious to see if the trap would work, he walked after the muskrat, and chased him to the barn. There was no explosion. C. hurried over to find what was the matter, and opening the barn door, received a double load of buckshot in his left foot.

SELECTS HIS OWN COFFIN.

Aged Man Walks Fifteen Miles to Place Order With Friend.

REPUBLIC SPECIAL. Derby, Conn., May 7.—To place an order for his coffin with an undertaker who had befriended him in misfortune, Philip Grimes, 65 years old, walked fifteen miles to this city from New Haven. Grimes lived here for fifty-five years in his own home. Two years ago he was stricken with property was foreclosed and Grimes and his wife took up their residence with his daughter, Mrs. John C. Reilly, of Plymouth street, New Haven. Grimes became dependent and lately has expressed a wish to die. After selecting the coffin today he ordered it to be sent to the home of a sister, Mrs. Patrick Conarty, in this city. He is now at his sister's home, and says he will stay there until he dies.

Belts—Very Special Offer.

Clean-up of several small lots of new Belts—Fancy Silk Belts, with beautiful jeweled buckles; also Belts used as models; Parisian and Vienna ideas, with high-class art buckles; front and back; fancy jeweled buckle effects; handsome Girdle and Tailored Belts; crush silk and satin effects; Tucked and Pleated Belts—worth up to \$4.00—choice

Belts worth up to \$1.25, choice 49c.

Great Purchase and Sale of Valenciennes and Nottingham Laces.

AN immense shipment—our own importation of Val. and Nottingham Laces will be placed on sale Monday at one-third to one-half the regular prices. This is by all means the greatest lace opportunity that has come your way for several months.

French Val. Laces—Both Edging and Inserting—up to 3 inches wide—also Beading—round mesh Val. exact copies of real laces—beautiful patterns—every yard entirely perfect—on sale in three assortments as follows:

Per Doz. Yds. 25c 50c \$1.00
Worth 35c 75c \$1.50

Nottingham Laces—Including Platt Val., Point de Paris, Torchon, Cluny, etc., from 1/2 to 6 inches wide—a wide range of magnificent patterns—all new styles—selling prices are half of regular—four assortments:

Per Yard 2c 3c 5c 10c
Worth 4c 5c 10c 20c

Embroidered Shirt-Waist Patterns—In white and black and white—beautiful designs—worth \$1.50—on sale at—

75c

Allover Laces in Oriental, Point Venice and Val. in white, cream and Arabian—worth \$1.25 a yard—on sale at—

75c

Fancy White Stocks—Made of linen, pique and Swiss, also Venice Lace—Stocks—without tabs—about 200 dozen—\$5c values—on sale at—

12 1/2c

65c Linoleum 39c yard

One thousand yards of extra good quality Linoleum—worth fully 65c a yard—a good line of patterns—on sale Monday—per yard—

39c

Special Offer of 100 Axminster Rugs—Six feet wide—extra heavy—a good range of beautiful patterns—good values at \$2.00—on special sale Monday at—

\$2.25

Boys' Fine Clothing.

ASTONISHING VALUES FOR MONDAY.

CLOTHING values quite beyond the ordinary at this season of the year—prices reduced to a point where it is imperative that you investigate.

Boys' Sample Suits—A clean-up of one of New York's most prominent manufacturers, on sale at prices that afford a saving of fully One-Third.

Boys' Double-Breasted Suits—Light-weight fabrics, a good line of patterns; sizes 7 to 16 years—\$3.50 and \$4.00 values—on sale at—

\$2.60

Boys' Novelty Sailor Suits—Handsomely trimmed, Eton collars, made of all-wool English Serges—all colors, sizes 3 to 8 years, \$3.45 values—on sale at—

\$3.45

FREE—A good baseball and bat free with every suit sold in our Boys' Clothing Department.

Imported Wash Goods.

Main Floor, Near Elevators.

50c Shantung Silk—31 inches wide, pongee shade, lustrous perfect—yard—

35c

49c Imported St. Gall Swiss—White and colored grounds embroidered in self-colored dots, also contrasting shades, white grounds with black and vice versa—yard—

35c

78c Pure Linen Crash Suiting—In black, blue, green and the new onion brown mixed with white—a washable fabric for shirt-waist suits—46 inches wide—yard—

59c

98c Imported Mull—42 inches wide, in the natural pongee ground embroidered in polka dots and neat check effects—per yard—

69c

Sale of Rogers' Silverware and Table Cutlery—Monday.

THESE are goods you know—prices prove the sale's importance.

Rogers' Teaspoons—Fancy pattern—set of 6—

49c

Rogers' Table Spoons—Fancy pattern—set of six—

98c

Rogers' Cold Meat Forks—Fancy pattern—set of six—

\$1.35

Rogers' Berry Spoon—Fancy pattern—set of six—

79c

Rogers' Gravy Ladle—Fancy pattern—set of six—

59c

Rogers' Soup Ladle—In silk-lined box—

\$1.55

Rogers' "1847" Teaspoons—Fancy pattern—set of 6—

\$1.29

Rogers' "1847" Tablespoons—Fancy pattern—set of 6—

\$2.25

Table Knives and Forks—Cocoa handle, steel blades—6 of each in box—

\$1.25

Table Knives and Forks—Cocoa handle, steel blades—6 of each in box—

40c

Table Knives and Forks—L. F. & C. ebony handle—single bolster—steel blade—6 Knives and 6 Forks—

85c

The Odell Typewriter for \$7.50.

A Thoroughly Dependable and Practical Machine at a Nominal Cost. Anyone Can Learn to Operate This Typewriter in Thirty Minutes.

No instructor required. The simplest in use, works freely and accurately. Writing letters in full view of the operator. A complete set of characters, 26 in number, which are cut in the type, or on a solid bar, thus insuring perfect alignment. It has the best arranged keyboard made, in manufacturing, and makes clear, legible and cuts perfect stencils for Mimeograph, Neotype, and other duplicating devices using waxed paper. It is substantially built, has all metal parts hand-cranked, and will promptly replace, free of cost, any parts that prove defective. Machines manufactured for English, French, German, Italian, Spanish, Swedish and Russian writing. Money promptly refunded if not as \$7.50 recommended.

Mail Orders Filled. Grand-Leader Exclusive Distributors for St. Louis.

Columbia Adjustable Screen Windows.

Made of hardwood, covered with best quality wire screen cloth.

18 inches high—closed—22—extend to 23 inches—15c

24 inches high—closed—28—extend to 29 inches—25c

30 inches high—closed—34—extend to 35 inches—35c

36 inches high—closed—40—extend to 41 inches—45c

42 inches high—closed—46—extend to 47 inches—55c

48 inches high—closed—52—extend to 53 inches—65c

54 inches high—closed—58—extend to 59 inches—75c

60 inches high—closed—64—extend to 65 inches—85c

The Improved Adjustable Spring Window Screen.

Made of hardwood, natural finish color, oiled, having a frame 1 1/2 inches wide.

24 inches high—closed—28—extend to 29 inches—25c

30 inches high—closed—34—extend to 35 inches—35c

36 inches high—closed—40—extend to 41 inches—45c

42 inches high—closed—46—extend to 47 inches—55c

48 inches high—closed—52—extend to 53 inches—65c

54 inches high—closed—58—extend to 59 inches—75c

60 inches high—closed—64—extend to 65 inches—85c

GRAND-LEADER

BROADWAY AND WASHINGTON

FASTEST GROWING STORE IN AMERICA.



Women's \$1.50 and \$1.75 White Wash Waists 95c.

35 styles in stylish Lawn and Lace Waists, including the new Bertha waists, Dolly Varden waists, new yoke waists and new pleated waists, on sale at a very special price.

THESE waists are being sold for just about what the material would cost you—they are all this season's styles—they are made of excellent quality white lawn—the new Bertha Waists have either round or square berthas, handsomely trimmed with rows of lace or embroidery insertion, also some with lace medallions—the Dolly Varden Waists have lace net yokes; other styles have rows of embroidery and tucks, or lace and tucks—some have knife pleats and hemstitching—some have fronts of all-over embroidery—others plainly tailored with wide pleats and tucks—exactly 35 styles—all have pleated or tucked backs—new style stock collar, pouch sleeves and tucked cuffs—there is a complete line of sizes to choose from—waists that are actually worth \$1.50 and \$1.75—on sale at 95c.

\$4.00 White Jap Silk Waists \$2.98.

EXACTLY 45 dozen excellent quality white Jap Silk Waists—the material retails at 50c a yard—entire front finished with wide pleats, clusters of narrow tucks and hemstitching—center pleat is inserted with a row of white lace—tucked stock collar and cuffs and cluster tucked back—extra full drooping pouch sleeves—plenty of all sizes—\$4.00 value—on sale at \$2.98.

\$6.00 New Style Silk Waists at \$3.98.

ABOUT 300 Waists in the lot—made of excellent quality peau de soie or taffeta, in black, white, navy, brown, red, gray or light blue—two distinct styles—box pleat and side pleat effects—the taffeta styles are unlined—entire front finished with extra wide knife pleats, pleated back and sleeves; peau de soie waists have fitted lining, entire front, back and sleeves finished with narrow box pleats—beautiful and high-class garments—\$5.50 and \$6.00 values—on sale at \$3.98.

Extra Special.

The best 2c Drawers in the city—of good quality muslin, deep cambric ruffle finished with tucks and hemstitching, yoke band—30 dozen, per pair—

19c

39c Corset Covers at 25c.

Made of good quality cambric, full front, trimmed with tulle lace insertion and tucks, finished with lace edge on neck and sleeves.

50c Corset Covers at 39c.

Corset. Covers of good quality long-cloth, round and square neck, yoke of point de Paris insertion and ribbon heading; 15 styles.

\$1.00 Corset Covers at 75c.

Of fine nainsook, full French front, yoke of fine Val. point de Paris lace and embroidery insertion, finished with lace edge and wash ribbon; 10 styles.

69c Drawers at 49c.

Of good quality cambric, umbrella style, deep founce of open embroidery or six rows of vertical lace insertion, lace edge; also 15 other styles.

\$1.49 Drawers at 98c.

Of fine longcloth and cambric, umbrella style, extra wide; founce with three rows of fine tulle insertion, lace edge; a dozen other pretty styles.

Wash Petticoats, gingham, linen and lawn, solid colors and stripes, deep flare ruffle finished with bias hand lace insertion and lace edge, \$1.25 values—at—

98c

Bridal Sets, consisting of four pieces, gown, drawers, corset cover and skirt—made of extra fine longcloth—handsomely trimmed with point de Paris lace insertion, ribbon heading and tucks—\$1.50—entire set on sale Monday for—

\$6.75

WHITE IMPORTED PERSIAN LAWN—22 inches wide—worth 12c a yard—

10c

WHITE IMPORTED INDIA LINENS—40 inches wide—worth 12c a yard—

12c

WHITE INDIA LINEN—Sheer quality—33 inches wide—3c grade—

15c

BEDSPREADS—White crocheted soft-fine Bedspreads—2 yards wide—24c grade—worth \$1.00—at—

69c

SILK GINGHAMS—Fancy woven—solid colors—worth 25c a yard—at—

25c

EXAMINE—All-linen Etamine—solid colored—complete line—worth 25c a yard—at—

25c

PLAIN WHITE FRENCH NAINSOOK AND BATISTES—32 inches wide—worth up to 12c a yard—at—

19c

ALL-LINEN WHITE CAMBRICS—36 inches wide—3c quality—

25c

3 O'Clock Special.

Fancy Printed Genuine French Organza—Newest colorings—in great demand this season—goods worth fully 25c a yard—on sale at 3 o'clock—in basement—per yard—

12 1/2c

No mail or phone orders filled.

Hair Ornaments at Less Than Half.

A lot of odds and ends of beautiful mounted Back Combs, in shell, amber and white, with Rhinestone settings, also fancy metal mountings, combination jeweled effects and metal and jeweled effects; many shapes and styles of Combs; also different ideas in mountings—values range up to \$1.98—the entire lot on sale Monday at one price—choice

50c

We Have Never Given You Greater Silk Values

YOU can best measure the standard of Monday's offerings by the above statement.

50c Corded Wash Silks 25c a Yard.

In checks and stripes—all colors—the 30c quality—per yard—

25c

88c Black Silk Grenadine 39c a Yard.

A limited quantity of Black Silk Grenadine—in stripes and plain effects—34 inches wide—45c quality—

39c

85c Shepherd Checked Taffetas 49c Yard.

Rich colorings in checked Taffetas—very desirable for shirt-waist suits and children's dresses—45c quality—yard—

49c

\$1.00 Dolly Varden Silks 69c a Yard.

An exhibit of them can be seen in the Washington avenue window. Entirely new Japanese and Pongee Silk in the new Dolly Varden and Persian effects—colorings four and five tone—very finest quality—24 inches wide—\$1.00 grade—

69c

Gun Metal and Champagne Foulards.

The newest and best grade—a small lot—in the new Gun Metal and Champagne shades—with dots and neat designs—universally sold at \$1.00 a yard—on sale Monday—

75c

\$1.25 Genuine Pongee 98c a Yard.

The much-wanted Pongee Silk in the champagne tints or cloth of gold—36 inches wide—\$1.25 quality—

98c

\$2.00 Black Taffeta \$1.25 a Yard.

Rich black, rustling Taffeta Silk—useful for many purposes—35 inches wide (34 inches worth fully \$2.00 a yard)—

\$1.25

\$2.00 Black Peau de Soie \$1.35 a Yard.

Elegant double-faced Peau de Soie Silk—extra wide (38 inches)—suitable for coats and full skirts—\$2.00 quality—

\$1.35

Black Dress Goods.